



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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647.8904

Job Sheet 191109



Part No: 647.8904

Job Qty: 1 pcs

Part Name: AW139 Cable Cutter System, Fixed Provisions



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 2/21/19

Job Tracking No:

Due Date: 3/18/19

Created By: Marie Lajeunesse

Type: SOLD

Description: *order 11965*

Note: DWG 647.8900 REV.B IPP REV:A 12.10.25 NEW ISSUE DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Packaging 1 - Pick Kit	1 pcs		3/18/19	0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		
							Packaging 1 - 31		

MAR 05 2019



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Container No: S159070



Part: 647.8904

Job No: 191109

Serial No/Batch: S159070

Revision: B

Inspector:

Exp Date:

Instructions: FAA STC SR02379LA 11/11/08, BRAZIL STC 21

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					Packaging 1 - 32	
					Packaging 1 - 33	
					Packaging 1 - 34	
					Packaging 1 - 35	
					Packaging 1 - 36	
120 QC 4	1 pcs	3/18/19	0.00 0.00		QC 4 - 26	
					QC 4 - 28	
					QC 4 - 42	
					QC 4 - 58	
					QC 4 - 6	
					QC 4 - 69	
					QC 4 - 9	
					QC 4 - 46	
130 Packaging 3-1 - Stock - B4B	1 pcs	3/18/19	0.00 0.00		Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
135 DC - 1 - B4B	1 pcs	3/18/19	0.00 0.00		DC - 1 - B4B	
					DC - 2 - B4B	
140 QC 21 - SA	1 pcs	3/18/19	0.00 0.00		QC 21 - SA - 21	
					QC 21 - SA - 70	
					QC 21 - SA - 53	
Part Op 110 - Pick Kit						
Descriptions: 120 - QC4- 100% Inspect kits for completeness						
130 - Identify and pack for shipping as per PPP 647.8904 Location : FG109						
135 - Document Control - Photocopy bluefile & type labels per PPP 647.8904						
140 - QC21- Final Inspection - Work Order Release						

DAS 46 MAR 05 2019

9-89 DAS 46 MAR 05 2019

9-89

DAS 21 MAR 05 2019

9-89 MAR 05 2019

DAS 21 9-89

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
647.9001 <i>114</i>	Doubler Assembly	3 pcs (3 ea)	110-Packaging 1 - Pick Kit	<i>H129311</i>
647.9010 <i>64</i>	Doubler	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	<i>F92978</i>
647.9011 <i>84</i>	Doubler	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	<i>F92979</i>
647.9015 <i>116</i>	Doubler	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	<i>FM129311-0</i>
647.9016	Doubler	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	<i>F92980</i>
647.9110 <i>22</i>	Thrusert	20 pcs (20 ea)	110-Packaging 1 - Pick Kit	<i>F93294</i>
647.9111 <i>116</i>	Thrusert	10 pcs (10 ea)	110-Packaging 1 - Pick Kit	<i>FM129311-26</i>
647.9112	Thrusert	12 pcs (12 ea)	110-Packaging 1 - Pick Kit	<i>F92974</i>
647.9113 <i>88</i>	Thrusert	12 pcs (12 ea)	110-Packaging 1 - Pick Kit	<i>92975</i>
647.9311 <i>80</i>	Support Bracket	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	<i>F115449</i>
MS21042-3	Nut use MS21042L3 per QSI 017	34 Ea (34 ea)	110-Packaging 1 - Pick Kit	<i>5130347</i>
MS21140S-04-04	Rivet	12 Ea (12 ea)	110-Packaging 1 - Pick Kit	<i>F123094</i>
MS27039-08-04	Screw	16 Ea (16 ea)	110-Packaging 1 - Pick Kit	<i>FM129311-5</i>
MS27039-1-09	Screw	8 Ea (8 ea)	110-Packaging 1 - Pick Kit	<i>5133788</i>
MS27039-1-11	Screw	4 Ea (4 ea)	110-Packaging 1 - Pick Kit	<i>FM138326.83</i>
MS27039-1-14	Screw	12 Ea (12 ea)	110-Packaging 1 - Pick Kit	<i>F120449-40</i>
MS27039-1-18	Screw	8 Ea (8 ea)	110-Packaging 1 - Pick Kit	<i>F124326</i>
MS27039-1-20	Screw	10 Ea (10 ea)	110-Packaging 1 - Pick Kit	<i>5094554</i>
NAS1149C0332R	Washer	76 Ea (76 ea)	110-Packaging 1 - Pick Kit	<i>5143145</i>
NAS1149CN832R	Washer	16 Ea (16 ea)	110-Packaging 1 - Pick Kit	<i>3049507</i>
NAS1836-08-09	Insert	16 Ea (16 ea)	110-Packaging 1 - Pick Kit	<i>FM129311</i>

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Packaging 1 - Pick Kit	647.9001	3	6	0
	647.9010 <i>-20</i>	1	0	0
	647.9011 <i>-20</i>	1	0	0
	647.9015	1	1	0
	647.9016	1	49	0
	647.9110	20	1,317	0
	647.9111	10	342	0
	647.9112	12	322	0
	647.9113	12	422	0
	647.9311 <i>-20</i>	1	0	0
	MS21042L3	34	206	0
	MS21140S-04-04	12	926	0
	MS27039-08-04	16	1,354	0
	MS27039-1-09	8	426	0
	MS27039-1-11	4	232	0
	MS27039-1-14	12	46	0
	MS27039-1-18	8	1,190	0
	MS27039-1-20	10	92	0
	NAS1149C0332R	76	3,847	0
	NAS1149CN832R	16	598	0
	NAS1836-08-09	16	604	0

Part Specifications

Specifications could not be found.

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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QS1042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details: _____					

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NOTES:

1. AFTER INSTALLATION, APPLY F/N 57 A/R TO FILL GAPS AND FILLET EDGES.

2. APPLY F/N 58 TO FAYING SURFACES.

3. WHEN PURCHASING A CABLE CUTTER SYSTEM, LEONARDO HELICOPTER FIXED PROVISION SHOULD BE INSTALLED. THE KIT PART NUMBERS ARE AS FOLLOWS:
4G9540A00212 LOWER FIXED PARTS INSTALLATION KIT
4G9540A00112 UPPER FIXED PARTS INSTALLATION KIT
ADDITIONAL FIXED PROVISION PARTS ARE:
3G9540A00351 DOUBLER, 3G9540A00451 DOUBLER, 3G9540A01351 LH SHIM LOWER CUTTER, 3G9540A01251 RH SHIM LOWER CUTTER, 3G9540A00551 LH SHIM LOWER CUTTER, 3G9540A00651 RH SHIM LOWER CUTTER, 3G9540A00931 LH FITTING, 3G9540A00831 RH FITTING.

WHEN PURCHASING A SHORT CABLE CUTTERS KIT FOR AN AIRCRAFT WITH MAGELLAN FIXED PROVISIONS & LHD PROVISIONS, ORDER P/N 647.8901. FOR AN AIRCRAFT WITH ONLY LHD FIXED PROVISIONS, ORDER P/N 647.8904 & 647.8906.

WHEN PURCHASING A LONG CABLE CUTTERS KIT FOR AN AIRCRAFT WITH MAGELLAN FIXED PROVISIONS & LHD PROVISIONS, ORDER P/N 647.8902. FOR AN AIRCRAFT WITH ONLY LHD FIXED PROVISIONS, ORDER P/N 647.8904 & 647.8905.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROJECT RELEASE P/N		N/C
N/C	INITIAL RELEASE	06-29-10	P. BRAVO
A	INCORPORATED FCMS 02990, 03271, 03217, 03277	11-28-11	P. BRAVO
B	INCORPORATED ECHS 06144	01-04-15	P. BRAVO

5	5		5	5	62	601.3124	SCREW	MS27039-0824	
1	1		1	1	61	647.9317	RH BRACKET		
1	1		1	1	60	647.9310	LH BRACKET		
12	12	12	12	12	59	601.3186	RIVET	MS21140S-04-04	
					58	601.2045	RTV	LOCTITE 598	
					57	600.1012	SEALANT	PR-1425 CLASS 3	
46	46	34	30	82	56	601.2943	LOCKNUT	MS21042-3	
13	13		8	13	55	601.1541	LOCKNUT	MS21042L08	
30	30		20	30	54	601.2764	WASHER	NAS1149FN832P	
118	118	76	126	190	53	601.1032	WASHER	NAS1149C0332R	
		16	16	16	52	601.1869	WASHER	NAS1149CN832R	
8	8		8	8	51	601.1607	WASHER	NAS1149T0332P	
6	6		6	6	50	601.3190	SCREW	MS27039-1-13	
		16	16	16	49	601.3180	SCREW	MS27039-0804	
		8		8	48	601.3069	SCREW	MS27039-1-09	
10	10		10	10	47	601.3012	SCREW	MS27039-1-15	
34	34	8	34	34	46	601.2910	SCREW	MS27039-1-18	
2	2		2	2	45	601.2988	SCREW	MS27039-0813	
2	2		2	2	44	601.2893	SCREW	MS27039-0811	
6	6		6	6	43	601.2765	SCREW	MS27039-0819	
4	4		4	4	42	601.1956	SCREW	MS27039-1-21	
2	2		2	4	41	601.1954	SCREW	MS27039-1-17	
		10		10	40	601.1952	SCREW	MS27039-1-20	
6	6	4	6	10	39	601.1949	SCREW	MS27039-1-11	
4	4		4	4	38	601.1948	SCREW	MS27039-1-19	
6	6	12	18	18	37	601.1622	SCREW	MS27039-1-14	
.8906	.8905	.8904	.8903	.8902	.8901	FINO	PART #	DESCRIPTION	SPEC.

12	12		12	12	12	36	601.3188	RIVET	MS21141S-04-07
14	14		14	14	14	35	601.3187	RIVET	MS21141S-04-06
		16	16	16	16	34	601.3189	INSERT	NAS1836-08-09
2	2		2	2	2	33	601.2826	BOLT	AN3-11A
4	4			4	4	32	601.1866	BOLT	NAS6203-26
4	4			4	4	31	601.1850	BOLT	NAS6203-22D
2	2		2	2	2	30	646.9910	STRUT	
1	1		1	1	1	29	647.9613	RH WIPER DEFLECTOR	
1	1		1	1	1	28	647.9612	RH FWD WIPER DEFLECTOR	
1	1		1	1	1	27	647.9611	LH WIPER DEFLECTOR	
1	1		1	1	1	26	647.9610	LH FWD WIPER DEFLECTOR	
1	1		1	1	1	25	647.9316	CROSSHAR BRACKET	
1	1		1	1	1	24	647.9315	RECEPTACLE BRACKET	
1	1		1	1	1	23	647.9314	RETAINER BRACKET	
1	1		1	1	1	22	647.9313	BRACKET	
1	1		1	1	1	21	647.9312	BRACKET	
		1		REF	REF	20	647.9311	SUPPORT BRACKET	
				2	2	19	647.9114	THRUSERT	
		12	12	12	12	18	647.9113	THRUSERT	
		12	12	12	12	17	647.9112	THRUSERT	
2	2	10	2	12	12	16	647.9111	THRUSERT	
25	25	20	26	26	26	15	647.9110	THRUSERT	
		1	1	1	1	14	647.9016	DOUBLER	
				REF	REF	13	647.9015	DOUBLER	
2	2		2	2	2	12	647.9014	STRUT BRACKET	
1	1		1	1	1	11	647.9013	FWD CLIP	
1	1		1	1	1	10	647.9012	FWD CLIP	
		1	REF	REF	REF	9	647.9011	DOUBLER	
		1	REF	REF	REF	8	647.9010	DOUBLER	
1	1		1	1	1	7	647.9801	MOUNTING TEE ASSY	
2	2		2	2	2	6	647.9501	QUICK RELEASE PIN ASSY	
1	1		1	1	1	5	647.9401	DEFLECTOR ASSY	
1	1					4	647.9203	LOWER CUTTER LONG ASSY	
1	1					3	647.9202	LOWER CUTTER ASSY	
1	1		1	1	1	2	647.9201	UPPER CUTTER ASSY	
		3	3	3	3	1	647.9001	DOUBLER ASSY	
							647.8906	AW139 CABLE CUTTERS REMOVABLE PROVISIONS KIT	
							647.8905	AW139 CABLE CUTTERS REMOVABLE PROVISIONS KIT LONG	
							647.8904	AW139 CABLE CUTTERS FIXED PROVISIONS KIT	
							647.8903	AW139 UPPER CABLE CUTTERS KIT	
							647.8902	AW139 CABLE CUTTERS KIT LONG	
							647.8901	AW139 CABLE CUTTERS KIT	

QTY		PARTS LIST	
NEXT ASSY (S)		ORIGINAL DATE	
		DRAWN BY	
		CHECKED	
		DRAWING APPROVAL	
		CONTRACT NO.	
		UNLESS OTHERWISE SPECIFIED	
		DIMENSIONS ARE IN INCHES	
		TOLERANCES ARE:	
		2 PLACE DECIMALS ±.01	
		3 PLACE DECIMALS ±.003	
		ANGLES ±.5°	
		SIZE	
		CAGE CODE	
		DWG. NO.	
		647.8900	
		SCALE	
		NONE	
		SHEET	
		1 OF 9	

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AW139 CABLE CUTTERS KIT